

Historical Summary of Travel, Crashes, Fatalities, and Rates

2001 – 2009

Prepared by:

Office of Traffic and Safety
Engineering Bureau
Highway Division

In cooperation with:

Office of Driver Services
Motor Vehicle Division

July 6, 2010

Iowa Department of Transportation

STATEWIDE

SUMMARY OF TRAVEL, CRASHES, FATALITIES AND RATES IN IOWA STATEWIDE CRASHES

2001 THROUGH 2009

Year	Vehicle Miles (Millions)	Number of Crashes				Number of Fatalities	Rates Per 100 Million Vehicle Miles of Travel			
		Fatal	Injury	Property Damage	Total		Fatal Crashes	Fatalities	Fatal + Injury Crashes	Total Crashes
January 1, 2001 - New Crash Report Form										
2001	30,461	364	18,891	37,848	57,103	423	1.19	1.39	63	187
July 1, 2002 - Driver Reporting Requirements Changed - No Driver Report Required if Officer On Scene and Reported										
2002	31,361	372	17,842	41,452	59,666	406	1.19	1.29	58	190
2003	31,597	382	17,139	41,919	59,440	441	1.21	1.40	55	188
2004	31,971	354	17,046	41,792	59,192	388	1.11	1.21	54	185
July 1, 2005 - Rural Interstate Speed Limits Raised to 70 MPH										
2005	31,568	399	18,220	40,025	58,644	451	1.26	1.43	59	186
2006	31,733	386	16,950	37,479	54,815	439	1.22	1.38	55	173
April 15, 2007 - Database Changed from DBF to SQL										
2007	31,481	392	16650	42,961	60,003	445	1.25	1.41	54	191
2008	30,954	369	16092	45,029	61,490	413	1.19	1.33	53	199
2009	30,954	337	14520	41,661	56,518	370	1.09	1.20	48	183
2001-2009	282,080	3,355	153,350	370,166	526,871	3,776	1.19	1.34	56	187

*** For 2001, due to a significant crash report form change and resultant database repository changes, an unknown number of crashes are missing (approximately 2000?).

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RURAL INTERSTATE

SUMMARY OF TRAVEL, CRASHES, FATALITIES AND RATES IN IOWA STATEWIDE CRASHES

2001 THROUGH 2009

Year	Vehicle Miles (Millions)	Number of Crashes				Number of Fatalities	Rates Per 100 Million Vehicle Miles of Travel			
		Fatal	Injury	Property Damage	Total		Fatal Crashes	Fatalities	Fatal + Injury Crashes	Total Crashes
January 1, 2001 - New Crash Report Form										
2001	4,831	29	579	1,439	2,047	37	0.60	0.77	13	42
July 1, 2002 - Driver Reporting Requirements Changed - No Driver Report Required if Officer On Scene and Reported										
2002	5,046	21	498	1,421	1,940	24	0.42	0.48	10	38
2003	5,116	25	548	1,541	2,114	40	0.49	0.78	11	41
2004	5,086	15	560	1,636	2,211	21	0.29	0.41	11	43
July 1, 2005 - Rural Interstate Speed Limits Raised to 70 MPH										
2005	5,032	29	615	1,754	2,398	37	0.58	0.74	13	48
2006	5,186	27	482	1,504	2,013	33	0.52	0.64	10	39
April 15, 2007 - Database Changed from DBF to SQL										
2007	5,217	28	670	2,090	2,788	36	0.54	0.69	13	53
2008	4,962	40	724	2,168	2,932	44	0.81	0.89	15	59
2009	4,962	21	587	2,091	2,699	24	0.42	0.48	12	54
2001-2009	45,438	235	5,263	15,644	21,142	296	0.52	0.65	12	47

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RURAL PRIMARY

SUMMARY OF TRAVEL, CRASHES, FATALITIES AND RATES IN IOWA STATEWIDE CRASHES

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		Fatal	Injury	Property Damage	Total		Fatal Crashes	Fatalities	Fatal + Injury Crashes	Total Crashes
January 1, 2001 - New Crash Report Form										
2001	8,330	112	2,314	5,888	8,314	137	1.34	1.64	29	100
July 1, 2002 - Driver Reporting Requirements Changed - No Driver Report Required if Officer On Scene and Reported										
2002	8,649	127	2,084	5,915	8,126	140	1.47	1.62	26	94
2003	8,362	98	1,908	5,651	7,657	112	1.17	1.34	24	92
2004	8,483	94	2,015	5,510	7,619	103	1.11	1.21	25	90
July 1, 2005 - Rural Interstate Speed Limits Raised to 70 MPH										
2005	8,110	125	2,182	4,975	7,282	142	1.54	1.75	28	90
2006	8,133	118	1,868	5,161	7,147	139	1.45	1.71	24	88
April 15, 2007 - Database Changed from DBF to SQL										
2007	8,015	113	1904	5,327	7,344	139	1.41	1.73	25	92
2008	7,846	106	2152	5,493	7,751	117	1.35	1.49	29	99
2009	7,846	86	1829	5,207	7,122	102	1.10	1.30	24	91
2001-2009	73,774	979	18,256	49,127	68,362	1,131	1.33	1.53	26	93

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RURAL SECONDARY (County Roads)

SUMMARY OF TRAVEL, CRASHES, FATALITIES AND RATES IN IOWA STATEWIDE CRASHES

2001 THROUGH 2009

Year	Vehicle Miles (Millions)	Number of Crashes				Number of Fatalities	Rates Per 100 Million Vehicle Miles of Travel			
		Fatal	Injury	Property Damage	Total		Fatal Crashes	Fatalities	Fatal+Injury Crashes	Total Crashes
January 1, 2001 - New Crash Report Form										
2001	5,025	148	3,613	6,557	10,318	173	2.95	3.44	75	205
July 1, 2002 - Driver Reporting Requirements Changed - No Driver Report Required if Officer On Scene and Reported										
2002	5,011	167	3,779	7,137	11,083	179	3.33	3.57	79	221
2003	5,427	176	3,707	7,411	11,294	193	3.24	3.56	72	208
2004	5,516	163	3,632	6,821	10,616	175	2.96	3.17	69	192
July 1, 2005 - Rural Interstate Speed Limits Raised to 70 MPH										
2005	5,481	178	3,846	6,291	10,315	201	3.25	3.67	73	188
2006	5,462	169	3,824	6,378	10,371	194	3.09	3.55	73	190
April 15, 2007 - Database Changed from DBF to SQL										
2007	5,444	157	3537	6,472	10,166	174	2.88	3.20	68	187
2008	5,439	146	3343	6,242	9,731	164	2.68	3.02	64	179
2009	5,439	154	3047	6,007	9,208	167	2.83	3.07	59	169
2001-2009	48,244	1,458	32,328	59,316	93,102	1,620	3.02	3.36	70	193

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RURAL TOTALS

SUMMARY OF TRAVEL, CRASHES, FATALITIES AND RATES IN IOWA STATEWIDE CRASHES

2001 THROUGH 2009

Year	Vehicle Miles (Millions)	Number of Crashes				Number of Fatalities	Rates Per 100 Million Vehicle Miles of Travel			
		Fatal	Injury	Property Damage	Total		Fatal Crashes	Fatalities	Fatal+Injury Crashes	Total Crashes
January 1, 2001 - New Crash Report Form										
2001	18,186	255	5,726	12,761	18,742	306	1.40	1.68	33	103
July 1, 2002 - Driver Reporting Requirements Changed - No Driver Report Required if Officer On Scene and Reported										
2002	18,706	266	5,608	13,121	18,995	290	1.42	1.55	31	102
2003	18,905	271	5,464	13,294	19,029	313	1.43	1.66	30	101
2004	19,085	247	5,514	12,795	18,556	272	1.29	1.43	30	97
July 1, 2005 - Rural Interstate Speed Limits Raised to 70 MPH										
2005	18,623	298	5,954	11,944	18,196	341	1.60	1.83	34	98
2006	18,781	265	5,647	12,055	17,967	308	1.41	1.64	31	96
April 15, 2007 - Database Changed from DBF to SQL										
2007	18,676	268	5566	12,848	18,682	310	1.43	1.66	31	100
2008	18,247	269	5635	12,865	18,769	297	1.47	1.63	32	103
2009	18,247	241	4920	12,348	17,509	270	1.32	1.48	28	96
2001-2009	167,456	2,380	50,034	114,031	166,445	2,707	1.42	1.62	31	99

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MUNICIPAL INTERSTATE

SUMMARY OF TRAVEL, CRASHES, FATALITIES AND RATES IN IOWA STATEWIDE CRASHES

2001 THROUGH 2009

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		Fatal	Injury	Property Damage	Total		Fatal Crashes	Fatalities	Fatal+Injury Crashes	Total Crashes
January 1, 2001 - New Crash Report Form										
2001	2,079	12	804	1,392	2,208	15	0.58	0.72	39	106
July 1, 2002 - Driver Reporting Requirements Changed - No Driver Report Required if Officer On Scene and Reported										
2002	2,223	9	814	1,717	2,540	12	0.40	0.54	37	114
2003	2,281	17	816	1,798	2,631	23	0.75	1.01	37	115
2004	2,383	13	799	1,865	2,677	17	0.55	0.71	34	112
July 1, 2005 - Rural Interstate Speed Limits Raised to 70 MPH										
2005	2,450	13	790	1,807	2,610	16	0.53	0.65	33	107
2006	2,506	15	729	1,578	2,322	15	0.60	0.60	30	93
April 15, 2007 - Database Changed from DBF to SQL										
2007	2,487	15	835	2,054	2,904	19	0.60	0.76	34	117
2008	2,467	19	838	2,090	2,947	23	0.77	0.93	35	119
2009	2,467	21	728	1,889	2,638	23	0.85	0.93	30	107
2001-2009	21,343	134	7,153	16,190	23,477	163	0.63	0.76	34	110

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2001 THROUGH 2009

Year	Vehicle Miles (Millions)	Number of Crashes				Number of Fatalities	Rates Per 100 Million Vehicle Miles of Travel			
		Fatal	Injury	Property Damage	Total		Fatal Crashes	Fatalities	Fatal+Injury Crashes	Total Crashes
January 1, 2001 - New Crash Report Form										
2001	3,384	38	4,392	7,165	11,595	39	1.12	1.15	131	343
July 1, 2002 - Driver Reporting Requirements Changed - No Driver Report Required if Officer On Scene and Reported										
2002	3,566	40	4,021	8,140	12,201	43	1.12	1.21	114	342
2003	3,485	42	3,590	7,749	11,381	47	1.21	1.35	104	327
2004	3,585	50	3,506	8,021	11,577	54	1.39	1.51	99	323
July 1, 2005 - Rural Interstate Speed Limits Raised to 70 MPH										
2005	3,616	39	3,678	7,717	11,434	42	1.08	1.16	103	316
2006	3,572	41	3,247	7,061	10,349	47	1.15	1.32	92	290
April 15, 2007 - Database Changed from DBF to SQL										
2007	3,505	51	3,344	7,530	10,925	56	1.46	1.60	97	312
2008	3,464	36	3,065	7,673	10,774	40	1.04	1.15	90	311
2009	3,464	38	2,946	7,281	10,265	40	1.10	1.15	86	296
2001-2009	31,641	375	31,789	68,337	100,501	408	1.19	1.29	102	318

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CITY STREETS

SUMMARY OF TRAVEL, CRASHES, FATALITIES AND RATES IN IOWA STATEWIDE CRASHES

2001 THROUGH 2009

Year	Vehicle Miles (Millions)	Number of Crashes				Number of Fatalities	Rates Per 100 Million Vehicle Miles of Travel			
		Fatal	Injury	Property Damage	Total		Fatal Crashes	Fatalities	Fatal+Injury Crashes	Total Crashes
January 1, 2001 - New Crash Report Form										
2001	6,812	79	10,946	20,569	31,594	83	1.16	1.22	162	464
July 1, 2002 - Driver Reporting Requirements Changed - No Driver Report Required if Officer On Scene and Reported										
2002	6,866	84	10,168	23,231	33,483	92	1.22	1.34	149	488
2003	6,929	81	9,762	23,626	33,469	92	1.17	1.33	142	483
2004	6,918	75	9,549	23,784	33,408	77	1.08	1.11	139	483
July 1, 2005 - Rural Interstate Speed Limits Raised to 70 MPH										
2005	6,879	70	10,006	22,728	32,804	76	1.02	1.10	146	477
2006	6,874	91	9,240	20,407	29,738	99	1.32	1.44	136	433
April 15, 2007 - Database Changed from DBF to SQL										
2007	6,813	80	8,872	23,110	32,062	83	1.17	1.22	131	471
2008	6,776	65	8,231	24,651	32,947	74	0.96	1.09	122	486
2009	6,776	55	7,725	22,852	30,632	55	0.81	0.81	115	452
2001-2009	61,643	680	84,499	204,958	290,137	731	1.10	1.19	138	471

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MUNICIPAL TOTALS

SUMMARY OF TRAVEL, CRASHES, FATALITIES AND RATES IN IOWA STATEWIDE CRASHES

2001 THROUGH 2009

Year	Vehicle Miles (Millions)	Number of Crashes				Number of Fatalities	Rates Per 100 Million Vehicle Miles of Travel			
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January 1, 2001 - New Crash Report Form										
2001	12,275	107	13,014	24,252	37,373	115	0.87	0.94	107	304
July 1, 2002 - Driver Reporting Requirements Changed - No Driver Report Required if Officer On Scene and Reported										
2002	12,655	105	12,070	27,374	39,549	115	0.83	0.91	96	313
2003	12,692	110	11,537	27,969	39,616	127	0.87	1.00	92	312
2004	12,886	106	11,383	28,375	39,864	115	0.82	0.89	89	309
July 1, 2005 - Rural Interstate Speed Limits Raised to 70 MPH										
2005	12,945	99	12,009	27,306	39,414	108	0.76	0.83	94	304
2006	12,952	120	11,053	24,779	35,952	130	0.93	1.00	86	278
April 15, 2007 - Database Changed from DBF to SQL										
2007	12,805	122	10,887	28,328	39,337	133	0.95	1.04	86	307
2008	12,707	97	10,288	29,938	40,323	113	0.76	0.89	82	317
2009	12,707	94	9,464	27,706	37,264	98	0.74	0.77	75	293
2001-2009	114,624	960	101,705	246,027	348,692	1,054	0.84	0.92	90	304

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